	r ercentages i Answers							
1)	(a) 0	6 41 1		Allow	6.41(am). 6:41 and 06:41			
•)	()				41m or 641h or 6.41pm			
	(b) \$	204 1		1.00 011				
	(~) ¢							
	ļ	I						
2)								
2)	139		2	M1 1	$.322 \times 10^9 / 9.5 \times 10^8 $ (× 100)			
	139		2		$.322 \times 10^{-7} 9.3 \times 10^{-1} (\times 100)$			
3)								
3)	18		Ν	A1 for 2	21.6 ÷ 1.2 oe			
4)	(a) L	(\$) 450		B2	M1 for $650 \div (9+4) \times 9$			
,	(<i>a</i>)	(\$) 430		D2				
	(\mathbf{b}) (\mathbf{i})	(\$),120		B2	$(\div 14 \text{ does not imply } 9 + 4)$ M1 for 0.8×150 o.e.			
				B2 f				
	(ii)	(\$) 80 11		D2 1	only if $+ve$. After M0 , SC1 for answer 320			
	(c) (i)	(\$) 441		B2	$\mathbf{M1} \text{ for } 400 \times 1.05^2 \text{ o.e. or for answer } 41$			
	(ii)			D2	If use Simple Int in (i), M0, M0 in this			
	(11)	$\frac{1}{2}$ their ((i) - 400) ÷ 400 × 100 o.e.			part			
				M2	-			
				1112	If M0 ,			
		5.125 or 5.13 or 5.12 c.a.o. www3		A1	M1 for $\frac{400 \times r \times 2}{100}$ = their (i) – 400			
					100			
					or their (i) $\div 400 \times 100$ then -100			
					or $\frac{\text{their}(\mathbf{i}) - 400}{400} \times 100$ (s.o.i. by 10.25)			
					400			
					If still M0 , SC1 for answers 55.125 or			
					55.12 or 55.13 or 55.1 or 0.05125 or			
					0.0512 or 0.0513 [11]			
				l	[11]			
5)	(a)	3	1	1				
		240 ÷ 8 × 3 or 240 ÷ 8 × 5 or $\frac{3}{8}$ of 240		1 .	Accept reverse e.g. $90: 150 = 3: 5$ and			
				9	90 + 150 = 240			
		or $\frac{5}{8}$ of 240 oe						
		8						
	(b) (b)	5		<u>,</u>	M1 for 100×9			
	(b) (i)	5 www 2		2	M1 for $\frac{10000}{90\times 2}$ oe			
	(ii)	165 www 2		2 N	M1 for $99 \div 0.6$ oe			
	(11)			-				
		162.24 final answer and		<u>,</u>	M1 for $150 \times 1.04 \times 1.04$ as $\frac{1}{100} + \frac{1}{100} + \frac{1}{100}$			
	(c)	162.24 final answer cao			M1 for $150 \times 1.04 \times 1.04$ oe implied by answer 162.2			
					answei 102.2			
	(d) (i)	58.67 final answer cao			SC2 for 58.7 or			
					M1 for $\frac{150 \times 4 \times 20}{100}$ oe (120)			
					then M1 (dependent on the first M1)			
					328.67 – 150 – their 120 oe			
					Answers of 208.67 or 208.7 imply first M1			
					328.67			
	(ii)	219 (.1) www 2		2	M1 for $\frac{328.67}{150} \times 100$ oe			
		1	I	I				

			5			
6)	(b)	31.83		3	SC2 for 31.827 as final answer or not spoiled. or M1 for \times 1.03 twice oe	
	(c)	1.5		2	M1 for $\frac{30 \times r \times 5}{100} = 2.25$ oe or for 2.25 ÷ 5 then ÷ 30 × 100	
7)	(b)	349.70		3	M1 for $\frac{325 \times 2 \times 3.8}{100}$ or 24.7(0) M1dep for their interest added to 325	
	(c)	617.98		3	M2 for 550×1.06^2 or M1 for 550×1.06 oe and M1 dep for second year Penalise accuracy only once in the question	
8)	(a)	314.60		3	M1 for $\frac{275 \times 4 \times 3.6}{100}$ or 39.6 M1 dep for their interest added to 275	
	(b)	703.04		3	M2 for 650×1.04^2 or M1 for 650×1.04 oe (implied by 676) and M1 dep for second year	
9)	\$674.92, 674.9(0) or 675		3 M2 $600 \times (1 + (4/100))^3$ or better oe or M1 600×1.04^2 oe			
10)	216.32 cao		2 M1 200 × $(1 + (4/100))^2$ oe			
11)	127.31 cao		3 M1 for 120 × 1.03 ² A1 for 127.308 If M0 award SC2 for 7.31 or 247.31			
12)	8812.50 final answer www 3		3	 Condone 8812.5 M2 for 7500 × 5 × 0.035 + 7500 oe (implied by final answers 8810, 8812, 8813 or 8812.5(0) seen) or B2 for 1312.5 as final answer or M1 for 7500 × 5 × 0.035 oe (implied by final answers 1310, 1312, 1313) 		
13)	882		2	M1 8	$300 \times 1.05 \times 1.05$	